

TECHNICAL WORK MAY NOT BEGIN PRIOR TO CO APPROVAL

NASA/GODDARD SPACE FLIGHT CENTER

REQUEST FOR TASK PLAN / TASK ORDER

CONTRACTOR	CONTRACT NO./TASK NO.	JOB ORDER NUMBER	APPROPRIATE
QSS Group, Inc.	NAS5- 99124 TASK NO. 36 AMENDMENT	480-615-31-31-89	99

TASK TITLE: (NTE 80 characters; include Project name)

NOAA L-N' Systems Engineering

APPROVALS: (Type or print name and sign)

ASSISTANT TECHNICAL REPRESENTATIVE (OR TASK MONITOR)

Art Azarbarzin

DATE

4/21/99

ORG CODE

480

MAIL CODE

480

PHONE

301-286-8430

BRANCH HEAD

Art Azarbarzin

DATE

"

CODE

480

PHONE

301-286-8430

CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

Robert S. Lehair, Jr.

DATE

4/22/99

CODE

560

PHONE

301-286-6382

FLIGHT HARDWARE, CRITICAL GSE OR SOFTWARE?

(IF YES, NEED CODE 303 CONCURRENCE NEXT BLOCK)

CONTRACTING OFFICER'S QUALITY REP.

Larry Moore

DESIGNATED FAM:

The contractor shall identify and explain the reason for any deviations, exceptions, or conditional assumptions taken with respect to this Task Order or to any of the technical requirements of the Task Order Statement of Work and related specifications. The contractor shall complete and submit the required Reps and Certs.

(To be completed by Contracting Officer)

C.O. Requested Quote on:

Date: APR 23 1999

Contractor will develop specification or statement of work under this task for a future procurement.

[X] NO [] YES

Flight hardware will be shipped to GSFC for testing prior to final delivery.

[] NO

[] YES

[X] N/A

Government Furnished Property/Facilities:

[] NO

[X] YES -- SEE LIST OF GFP (offsite only) / FACILITIES (onsite only)

Onsite Performance:

[X] NO

[] YES

If yes:

[] TOTAL

[] PARTIAL

If partial, indicate onsite work in SOW by asterisk (*)

Surveillance Plan Attached:

[X] NO

[] YES

Highlighted Contract Clauses:

(to be completed by Contracting Officer)

Per Clause H.14, Task Ordering Procedure, subparagraph (f), the effective date of this task order shall be May 3, 1999.

INCENTIVE FEE STRUCTURE (check one)

(See Contract NAS5-99124, Attachment K, Incentive Fee Plan)

	<u>X</u> No. 1	No. 2	No. 3	No. 4	No. 5
Cost	10%	50%	25%	25%	%
Schedule	15%	25%	25%	50%	%
Technical	75%	25%	50%	25%	%

(To be completed by Contracting Officer)

The target cost of this task order is \$ 251,503.

The target fee of this task order is \$ 16,029.

The total target cost and target fee of this task order as contemplated by the Incentive Fee clause of this contract is \$ 267,532.

The maximum fee is \$ 23,427.

The minimum fee is \$0.

AUTHORIZED SIGNATURE:

THIS TASK ASSIGNMENT IS ISSUED ACCORDING TO THE CONTRACT CLAUSE "TASK ASSIGNMENTS AND REPORTS"

Lorrie L. Eakin

SIGNATURE OF CONTRACTING OFFICER

9/23/99

DATE

Lorrie L. Eakin
Contracting Officer

TYPED NAME OF CONTRACTING OFFICER

CONTRACTOR'S ACCEPTANCE:

AUTHORIZED SIGNATURE

DATE

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CONTRACT NO./TASK NO.

QSS Group, Inc.

NAS5-

99124

TASK NO.

36

AMENDMENT

Applicable paragraphs from contract Statement of Work: Function 2B

STATEMENT OF WORK: (Continue on blank paper if additional space is required)

This task will cover the spacecraft requirements. The focus of this effort is on NOAA-KLM, then on NOAA-NN'.

Establish and maintain an automated system to trace all requirements from the spacecraft specification to the Class 1 subsystem specifications.

Determine requirements documents to be included in the traceability task, establish requirement hierarchy, and develop a library of the latest version of these documents. Determine requirements for transfer into electronic formats.

Determine RTM database structure (class diagrams and requirement attributes) and output product form and content, and obtain NASA concurrence.

Convert requirements documents to an electronic form usable by the RTM software (if and when required).

Develop the Requirements Traceability Matrix. Maintain a database of noted problems and their resolution.

Perform updates to the products as required for the NOAA-L and M and for the NOAA-N and N'.

PERFORMANCE SPECIFICATIONS:

Each RTM notebook shall include the following sections: Subsystem requirements in spacecraft class, subsystem requirements in subsystem class, spacecraft to subsystem flowdown, problem report, orphan report, parent/child link index, and subsystem CCR items.

APPLICABLE DOCUMENTS:

Performance Specification for the NOAA-KLMNN' Satellites: GSFC S-480-25.1

Performance Assurance Requirements for the NOAA-KLMNN' Satellites: GSFC S-480-26.1

Performance Specifications for the NOAA-KLMNN' spacecraft subsystems

TASK END DATE: 9/30/00**MILESTONES/DELIVERABLES AND DATES:**

Complete NOAA-KLM Requirements Traceability Matrix for all subsystem specifications except Flight Software

Complete C&CS and provide notebook and recommended specification CCR letter -- by 6/30/99

Complete DHS and provide notebook and recommended CCR letter -- by 9/30/99

Complete the NOAA-NN' update for all subsystems by 9/30/00

PERFORMANCE STANDARDS:

Schedule: On-time delivery/completion of the above

Technical: ATR's acceptance of the above

FINAL DELIVERY DESTINATION (NAME, BLDG, ROOM):

Art Azarbarzin, building 6, room C-200